

Patent claims

1. A package for an electrical component which can be connected to the package in a pluggable manner, in particular for an optoelectronic transceiver, the package having fastening pins for its fastening on a printed-circuit board, characterized in that the fastening pins (8) can be connected to the printed-circuit board, thereby forming a press-fit connection.

2. The package as claimed in claim 1, characterized in that the fastening pins have a serration (82a, 82b).

3. The package as claimed in claim 2, characterized in that the fastening pins (8) are of a U-shaped design, the two legs (82, 83) of the fastening pin respectively having an external serration (82a, 82b) and being able to move resiliently toward each other.

4. The package as claimed in claim 3, characterized in that the external serration (82a, 82b) forms barbs.

5. The package as claimed in at least one of claims 1 to 4, characterized in that the package (1) is of a one-part design.

6. The package as claimed in claim 5, characterized in that the package (1) has a clearance on its bottom side (15) in such a way that the package can be fitted onto a plug (4) which has already been fastened to the printed-circuit board (3) and couples the component to be inserted to the printed-circuit board (3).

7. A method of mounting a package as claimed in claim 1 on a printed-circuit board, characterized by the steps:

10 soldering an electrical plug (4) to the printed-circuit board (3), subsequently fitting the package(1) onto the printed-circuit board (3), the fastening pins (8) of the package being connected to the printed-circuit board (3), with a press-fit connection thereby being formed, and the fitted-on package (1) receiving the plug (4).

8. The method as claimed in claim 7, characterized in that a one-part package (1) is fitted onto the plug (4).

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9. The method as claimed in claim 7 or 8, characterized in that, before the package (1) is fitted on, the soldered plug (4) is tested for its functionality.